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PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART II

MISSION 1017-1

26 FEBRUARY - 2 MARCH 1965



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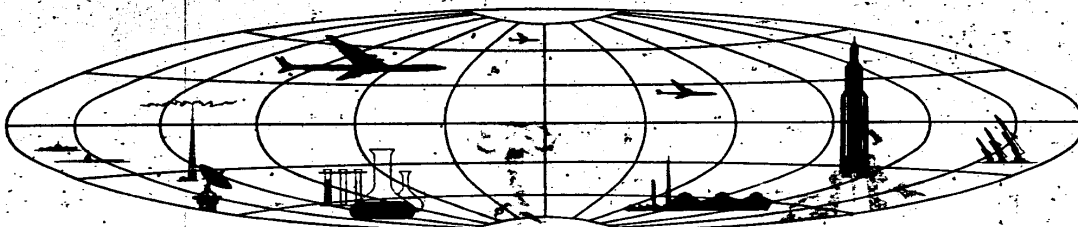
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OAK - PART II MISSION 1017-1

PREFACE

THIS IS THE SECOND OF THREE OR MORE OAK REPORTS ON MISSION 1017-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS: -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

1

2

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25X1D

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Highlights

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HIGHLIGHTS

25X1A 1. GRANDV IRBM LAUNCH SITE 2 [REDACTED]

A RIM FACILITY CONSISTING OF AN IGLOO BUNKER AND A PROBABLE MISSILE HOLD BUILDING UNDER CONSTRUCTION IS IDENTIFIED IN A MID-TO-LATE STAGE OF CONSTRUCTION.

25X1A 2. RAMOYE IRBM LAUNCH SITE [REDACTED]

THE 2 PERSONNEL-TYPE BUILDINGS LOCATED ALONG THE SITE SERVICE ROAD AND THE RIM BUILDING IN THE LAUNCH SITE APPEAR TO HAVE BEEN REMOVED.

3. VINKOVTSY FIXED FIELD MRBM SITE (MISSILE BONUS)

A NEWLY IDENTIFIED SITE, 6 NM SSW OF VINKOVTSY, CONSISTS OF A LARGE, SNOW COVERED LOOP ROAD WITH 1 ELONGATED LAUNCH POSITION.

25X2

5. SESTRORETSK, HF/DF FACILITY (ELECT BONUS)

A NEWLY IDENTIFIED HF/DF FACILITY, 4 NM NW OF LENINGRAD/GORSKAYA AIRFIELD, CONTAINS AT LEAST 1 PROBABLE THICK-EIGHT ANTENNA AND 1 PROBABLE FIX-EIGHT ANTENNA.

STATUS OF COMOR TARGET READOUT

FORTY COMOR TARGETS WERE OBSERVED DURING THIS REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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MISSILES

25X1A [REDACTED] ITATKA ICBM COMPLEX UR 5650N 08535E

25X1D THE COMPLEX IS COVERED ON FAIR QUALITY STEREO
PHOTOGRAPHY. NO SIGNIFICANT CHANGE OBSERVED AT
THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD
TRANSFER POINT, LAUNCH AREA A (SITE 1), AND LAUNCH
25X1D AREA B (SITE 2) SINCE [REDACTED]
LAUNCH AREA C (SITE 3) SHOWS NO SIGNIFICANT CHANGE
SINCE [REDACTED] HEAVY GROUND SNOW
PRECLUDES DETAILED INTERPRETATION OF THE UNIDENTIFIED
AREA EAST OF THE COMPLEX SUPPORT FACILITY OR
VEHICLE ACTIVITY WITHIN THE LAUNCH AREAS.

NO ABM ACTIVITY OBSERVED IN CLOUD-FREE 50-NM
RADIUS SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED] KOZELSK ICBM COMPLEX UR 5356N 03549E

COMPLEX COVERED ON POOR QUALITY PHOTOGRAPHY.

THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER
POINT, AND LAUNCH AREAS A (SITE 3), D (SITE 4),
E (SITE 5) AND F (SITE 6) CAN BE IDENTIFIED ONLY.
LAUNCH AREA B (SITE 2) IS CLOUD COVERED.

HEAVY CLOUDS PRECLUDE NEGATION OF 50-NM SEARCH
AREA FOR ABM RELATED INSTALLATIONS.

25X1D [REDACTED]

25X1A [REDACTED] OLOVYANNAYA ICBM COMPLEX UR 5049N 11550E

25X1D ENTIRE COMPLEX COVERED BY POOR QUALITY STEREO
PHOTOGRAPHY. NO SIGNIFICANT CHANGE OBSERVED AT THE
COMPLEX SUPPORT FACILITY SINCE [REDACTED]
25X1D FIVE LARGE BUILDINGS HAVE BEEN ADDED TO THE
RAIL-TO-ROAD TRANSFER POINT. ACTIVITY AND SCARRING
25X1D FOR THESE BUILDINGS WAS FIRST OBSERVED ON [REDACTED]
[REDACTED] THEY APPEARED COMPLETE ON [REDACTED]

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25X1D

NO SIGNIFICANT CHANGE OBSERVED AT AREA A (SITE 1)
SINCE [REDACTED] LAUNCH AREA B (SITE 2)
25X1D SINCE [REDACTED] OR LAUNCH AREA C (SITE 3)
SINCE [REDACTED]

ACTIVITY IS APPARENT AT LAUNCH SITES D1 (SITE 4),
D4 (SITE 8), D5 (SITE 9), AND D7 (SITE 6).
THE ROADS HAVE BEEN CLEARED AND MUCH TRACK ACTIVITY
IS EVIDENT, HOWEVER, POOR QUALITY PRECLUDES A DETAILED
ANALYSIS OF CONSTRUCTION STATUS.
LAUNCH SITES D2 (SITE 5), D3 (SITE 7), D8 (SITE 12),
D9 (SITE 13), AND D10 (SITE 11) CAN BE IDENTIFIED
ONLY.

ACTIVITY AND TRACKAGE IS EVIDENT AT LAUNCH SITES E1
(SITE 17), E2 (SITE 14), E3 (SITE 15), E4 (SITE 16),
E5 (SITE 19), E6 (SITE 18), AND E7 (SITE 20),
BUT POOR QUALITY PRECLUDES DETAILED ANALYSIS.
POSSIBLE SITE E8 (SITE 21) CAN NOW BE CONFIRMED
AS HAVING THE CHARACTERISTIC SIGNATURE CONSISTING OF
A SHALLOW EXCAVATION AND LONG EARTHEN RAMP.
25X1D NO SIGNIFICANT CHANGE AT POSSIBLE SITES E9 (SITE 22)
AND E10 (SITE 23) SINCE [REDACTED]

NO ABM ACTIVITY OBSERVED IN 50-NM RADIUS SEARCH AREA.

25X1D

25X1A

[REDACTED]
[REDACTED] UZHGOROD MRBM LAUNCH SITE UR 4833N 02213E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
25X1D NO SITE SUPPORT FACILITIES OR EQUIPMENT
OBSERVED. OPERATIONAL CAPABILITY CANNOT BE
25X9 DETERMINED DUE TO SNOW COVER. [REDACTED]
25X9 [REDACTED]
25X1D [REDACTED]

25X1A

[REDACTED] UGOLNYY MRBM LAUNCH SITE UR 6447N 17756E

A SEARCH OF THE CLOUD-FREE PORTIONS OF THE 25-NM

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AREA REVEALS NO MATCHING MRBM LAUNCH SITE OR HARDENED
IRBM LAUNCH AREA SIMILAR TO THAT AT AREA 4C, KYMTR.
THE SEARCH AREA CANNOT BE NEGATED DUE TO SCATTERED
CLOUDS AND HAZE.

25X1D [REDACTED]

25X1A [REDACTED]

GRANOV IRBM LAUNCH SITE 2 UR 4849N 02929E

A RIM FACILITY CONSISTING OF AN IGLOO BUNKER AND
A PROBABLE MISSILE HOLD BUILDING UNDER CONSTRUCTION
IS IDENTIFIED IN A MID-TO-LATE STAGE OF CONSTRUCTION.

25X1D [REDACTED]

25X1D [REDACTED]

NO APPARENT CHANGE IN OTHER FACILITIES SINCE [REDACTED]
[REDACTED] LAUNCH AREA COVERED ON FAIR QUALITY
PHOTOGRAPHY WITH SCATTERED CLOUDS.

25X1D [REDACTED]

25X2 [REDACTED]

25X1A [REDACTED]

SHIRVANSKAYA MRBM LAUNCH SITE UR 4425N 03954E

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED]

RAMOYE IRBM LAUNCH SITE UR 6426N 03418E

THE 2 PERSONNEL-TYPE BUILDINGS LOCATED ALONG THE
SITE SERVICE ROAD AND THE RIM BUILDING IN THE LAUNCH
SITE APPEAR TO HAVE BEEN REMOVED SINCE [REDACTED]

25X1D [REDACTED]

25X1D [REDACTED]

25X1D [REDACTED]

COVERAGE ON [REDACTED] WAS
POOR QUALITY, PRECLUDING DETERMINATION OF WHETHER
THE BUILDINGS WERE PRESENT AT THAT TIME. NO OTHER
CHANGES OBSERVED IN THE LAUNCH AREA.

25X1D [REDACTED]

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25X1D [REDACTED]

25X1A [REDACTED] ZAGORSK ROCKET ENGINE TEST FACILITY UR 5625N 03810E

25X1D [REDACTED]
VISIBLE NEW CONSTRUCTION SINCE [REDACTED]
CONSISTS OF THE CONTINUATION OF THE GROUND TRACE
AT THE AREA OF CONTINUING CONSTRUCTION EAST OF THE
SECURED PORTION OF THE FACILITY. THIS TRACE,
WHICH RESEMBLES PRELIMINARY CLEARING FOR A SECURITY
FENCE, NOW ENCLOSES THE CONSTRUCTION AREA AND
INDICATES THAT THE SECURED PORTION OF THE FACILITY IS
BEING EXPANDED. NO RAIL CARS OR EQUIPMENT OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] BIYSK STATIC TEST FACILITY UR 5229N 08507E

25X1B [REDACTED]

SNOW ON THE BANK OPPOSITE THE SINGLE TEST POSITION
8,800 FT NW OF THE TEST FACILITY APPEARS TO HAVE BEEN
REMOVED IN A PATTERN SUGGESTING TEST ACTIVITY AT THAT
SITE. A NEW LONG, LOW BUILDING IS UNDER CONSTRUCTION
ADJACENT TO THE SET OF OFFSET BUILDINGS AT THE SE
CORNER OF THE TEST FACILITY AREA.

25X1D [REDACTED]

25X1A [REDACTED] ZHDANOV SUSPECT ANTI-SATELLITE LNCH FAC UR 4705N 03730E

ONLY EASTERN HALF OF THE 50-NM SEARCH AREA COVERED
ON PHOTOGRAPHY.
NO ANTI-SATELLITE LAUNCH FACILITY OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] GUBA MOTKA NAVAL BASE UR 6940N 03210E

ENTIRE BAY COVERED ON CLEAR STEREO PHOTOGRAPHY.
NO EVIDENCE OF SUBMARINE FACILITIES.

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25X1D VESSELS -- [REDACTED] -- 1 POSSIBLE SS DEAD IN THE WATER ALONGSIDE SMALL SURFACE SHIP NEAR HEAD OF OSERAKO BAY AT 69-44N 032-08E AND 1 SMALL VESSEL DEAD IN THE WATER IN KUTOWAJA BAY AT 69-38N 032-01E.

25X1D [REDACTED]

25X1A [REDACTED] YOKANGA NAVAL BASE AND SHIP REPAIR YARD UR 6804N 03932E

25X1D VESSELS -- [REDACTED] -- 2 POSSIBLE MEDIUM SS, 3 POSSIBLE SMALL SS, 1 POSSIBLE DE, AND 2 POSSIBLE UNIDENTIFIED VESSELS. [REDACTED] -- IDENTIFICATION ONLY DUE TO HAZE AND SEMIDARKNESS.

HAZE PRECLUDES IDENTIFICATION OF MISSILE SUBMARINE CLASSES.

25X1D [REDACTED]

25X1D

25X1A [REDACTED] VLADIMIR SUBMARINE BASE UR 4355N 13528E

FACILITIES INCLUDE 4 PIERS, AN OPERATIONS SUPPORT AREA WITH 10 BUILDINGS, AN ADMINISTRATION AREA WITH 8 BUILDINGS, A BARRACKS AREA WITH 16 BUILDINGS, AND A STORAGE/SUPPORT AREA WITH 21 BUILDINGS. NO NEW CONSTRUCTION OBSERVED.

VESSELS -- AT LEAST 6 PROBABLE SS. POOR WATER AND VESSEL CONTRAST PRECLUDES DETAILED INTERPRETATION.

25X1D [REDACTED]

25X1A [REDACTED] VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 UR 4306N 13156E

25X1D NO MAJOR CHANGES IN FACILITIES SINCE [REDACTED]
25X1D NO EVIDENCE OF GM VESSEL CONSTRUCTION OR FITTING OUT OBSERVED. POOR CONTRAST AND SEMI-DARKNESS IN PORT AREA LIMIT INTERPRETATION.

VESSELS -- AT LEAST 4 UNIDENTIFIED SS APPROXIMATELY 270 FT LOA, 1 PROBABLE SVERDLOV-CLASS CL, AT LEAST

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33 MERCHANT SHIPS, AND NUMEROUS AUXILIARIES AT GOLDEN HORN BAY, AND 4 POSSIBLE SMALL SS AT BUKHTA ULIS.

25X9

NO NEW GM STORAGE, SS BASES [REDACTED]
STORAGE OBSERVED WITHIN 50 NM ALONG COAST TO EAST OF VLADIVOSTOK AND TO THE LIMIT OF COVERAGE ALONG THE COAST WEST OF VLADIVOSTOK ON GOOD, CLEAR PHOTOGRAPHY.

25X1D

25X1A

ZALIV VOSTOK NAVAL BASE LIVADIYA UR 4252N 13241E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

VESSLS -- NONE OBSERVED IN NAVAL BASE AREA. ONE POSSIBLE SS (MAXIMUM VISIBLE LOA IS 280 FT) OBSERVED UNDERWAY HEADING SE, 0.6 NM SE OF ENTRANCE TO HARBOR IN PAN ICE.

25X1D

25X1A

MOSCOW SUSPECT ABM AREA UR 5545N 03737E

APPROXIMATELY 65 PERCENT OF THE 75-NM-RADIUS SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED CLOUDS. NO NEW SARY-SHAGAN OR LENINGRAD-TYPE ELECTRONICS FACILITIES [REDACTED] OBSERVED IN CLOUD-FREE AREAS.

25X9

25X1D

AT SA-1 SAM SITE E24-1, THE 90-FT CIRCULAR STRUCTURE PREVIOUSLY SEEN ON THE GROUND ADJACENT TO THE SW CORNER OF THE LARGE TRIAD BUILDING HAS BEEN EMPLACED ON THE ROOF OF THE BUILDING. TWO [REDACTED]

25X1D

CIRCULAR STRUCTURES, NOT PRESENT ON [REDACTED]

25X1D

[REDACTED] ARE NOW OBSERVED ON THE GROUND ADJACENT TO EACH OF THE SMALL TRIAD BUILDINGS. AT SA-1 SAM SITE E22-1, AN EARTHEN WALL IS NOW WITHIN THE REVETMENT LOCATED BETWEEN RIB ROADS 4B AND 5B.

25X1D

NO APPARENT CHANGE SINCE [REDACTED] AT SA-1 SAM SITE E15-1. SA-1 SAM SITES E05-1 AND E33-1 ARE PARTIALLY CLOUD COVERED. NO CHANGES OBSERVED.

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25X1D NO APPARENT CHANGE OBSERVED AT THE REMAINDER OF
THE SA-1 SAM SITES SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] ANTIPINSKOYE SAM ACTIVITY UR 5254N 11332E.

25X1D NO SIGNIFICANT CHANGE IN PERMANENT FACILITIES SINCE
[REDACTED] NO NEW AREAS OF ACTIVITY
OBSERVED. NO APPARENT CHANGE IN THE RADAR SITE 12.7

25X1D NM SW OF LAUNCH SITE POSITIONS SINCE [REDACTED]

25X1D [REDACTED]

A 25-NM SEARCH EAST OF THE COMPLEX REVEALED NO
INSTRUMENTATION SITES.

25X1D [REDACTED]

BONUS VINKOVTSY FIXED FIELD MRBM SITE UR 4856N 02711E

6 NM SSW OF VINKOVTSY.

A NEWLY IDENTIFIED SITE, IN A FOREST, CONSISTS OF
A LARGE SNOW COVERED LOOP ROAD WITH 1 ELONGATED
LAUNCH POSITION.

25X1D NO MISSILE EQUIPMENT OR TENT AREA OBSERVED IN
VICINITY OF SITE.

THE SITE CAN BE NEGATED ON [REDACTED]

25X1D [REDACTED]

**Air
Facilities**

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AIR FACILITIES

25X1A [REDACTED] UKRAINA AIRFIELD UR 5110N 12826E

25X9 RUNWAY AND TAXIWAYS ARE CLEARED OF SNOW. NO NEW
FACILITIES OBSERVED [REDACTED]

AIRCRAFT -- 13 PROBABLE BEAR/BISON ON SE PARKING
RAMP, 2 BEAR/BISON AND 4 PROBABLE BEAR/BISON ON EAST
LOADING STANDS, 12 BEAR/BISON, 6 PROBABLE BEAR/BISON,
3 PROBABLE BADGER, 3 MEDIUM SWEEP-WING, AND 1
PROBABLE MEDIUM STRAIGHT-WING ALONG WEST PARKING
APRON, 1 BEAR/BISON TAKING OFF ON MAIN RUNWAY, 1
25X9 BEAR/BISON IN TAKE-OFF POSITION ON PARALLEL SOD
25X9 RUNWAY, 1 MEDIUM STRAIGHT-WING JUST OUTSIDE [REDACTED]
AND 2 POSSIBLE LIGHT
STRAIGHT-WING WITHIN SECURED AREA.

25X1D [REDACTED]

25X1A [REDACTED] STRYY AIRFIELD UR 4914N 02348E

RUNWAY IS CLEARED OF SNOW.

AIRCRAFT -- 26 MEDIUM SWEEP-WING.

25X1D [REDACTED]

Nuclear Energy

25X2

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**Naval
Activity/
Ports**

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NAVAL ACTIVITY/PORTS

25X1A [REDACTED] PECHENGA NAVAL BASE LINAKHAMARI UR 6939N 03122E

25X1D [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED] NO EVIDENCE OF ADDITIONAL SUBMARINE BASES OR
SUBMARINE PENS IN PECHENGA BAY.

VESSELS -- 2 POSSIBLE SMALL SS OUTBOARD OF 2
UNIDENTIFIED POSSIBLE AUXILIARIES ALONGSIDE OFFSHORE
WHARF AND 1 PROBABLE AND 2 POSSIBLE UNIDENTIFIED
VESSELS ALONG 1 OF 2 MAIN FINGER PIERS.
NO NUCLEAR SUBMARINES OR MISSILE CRUISERS/DESTROYERS
OBSERVED IN PECHENGA BAY.

25X1D [REDACTED]

25X1A [REDACTED] KRONSTADT NAVAL BASE AND SHIPYARD UR 5959N 02947E

25X1D [REDACTED] -- AREA FROZEN. OBLIQUITY AND POOR
IMAGE QUALITY PRECLUDE INTERPRETATION.

25X1D [REDACTED] -- ICE IN CENTRAL HARBOR AND SECTIONS OF
BAY IS BROKEN BY ICE BREAKER. REMAINING AREA IS
COMPLETELY FROZEN.

25X1D [REDACTED] VESSELS -- [REDACTED] -- 4 SS AND 6 PROBABLE SS IN
COMMERCIAL HARBOR, 4 SS AND 1 MERCHANT SHIP IN
1 GRAVING DOCK, UNIDENTIFIED VESSELS IN OTHER GRAVING
DOCKS, 1 CL, 4 DD, 2 PROBABLE DE, 3 FLOATING
DRYDOCKS (1 OCCUPIED), 2 FLOATING CRANES, AND
1 POSSIBLE SS MOORED IN THE CENTRAL BASIN.
NUMEROUS AUXILIARIES AND MINOR SURFACE COMBATANTS
ARE MOORED THROUGHOUT THE AREA.

25X1D [REDACTED]

25X1A [REDACTED] PRIOZERSK AREA MTB BASE UR 6050N 03028E

25X1D [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED] BAY IS COMPLETELY FROZEN.

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VESSELS -- 6 SURFACE VESSELS IN BASE AREA.
NO SUBMARINES OBSERVED IN TRANSIT THROUGH ICE.

AREA COVERED ON GOOD QUALITY PHOTOGRAPHY.

25X1D [REDACTED]

25X1A [REDACTED] LENINGRAD SHIPYARD ZHDANOV 190 UR 5952N 03014E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
25X1D [REDACTED] BASIN IS FREE OF ICE DUE TO EXCHANGE OF
WATER FROM POWERPLANT. ICE BREAKER TRACKS LEAD FROM
BASIN TO LAUNCHING WAYS. AREA COVERED ON GOOD
QUALITY PHOTOGRAPHY.

25X1D VESSELS -- [REDACTED] -- 2 UNIDENTIFIED VESSELS ON
BUILDING WAYS AND 3 UNIDENTIFIED VESSELS IN BASIN.
POOR QUALITY PRECLUDES DETAILED INTERPRETATION.

25X1D [REDACTED] -- 3 UNIDENTIFIED DD, 4 MERCHANT SHIPS
AND 2 FLOATING JIB CRANES IN BASIN, AND 1 UNIDENTIFIED
SURFACE SHIP AND 1 UNIDENTIFIED HULL UNDER
CONSTRUCTION IN BUILDING WAYS.

25X1D [REDACTED]

25X1A [REDACTED] LENINGRAD SHIPYARD ADMIRALTY 194 UR 5955N 03016E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
25X1D [REDACTED] FAIR QUALITY PHOTOGRAPHY COVERS THE ENTIRE
AREA, HOWEVER, WATER AND VESSEL CONTRAST IS POOR.
NO SUBMARINES OR MAJOR NAVAL VESSELS OBSERVED.

25X1D VESSELS [REDACTED] -- 1 SURFACE VESSEL ON BUILDING
WAYS. [REDACTED] 1 SURFACE VESSEL ON BUILDING WAYS,
1 PROBABLE MERCHANT SHIP AT QUAY, AND 1 SURFACE
SHIP IN BASIN.

25X1D [REDACTED]

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25X1A [REDACTED] LENINGRAD SHIPYARD SUDOMEKH 196 UR 5956N 03017E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED] PHOTOGRAPHY IS FAIR QUALITY, BUT ICE IN RIVER OBSCURES DETAILS OF VESSELS.

25X1D VESSELS -- [REDACTED] -- NO VESSELS DISCERNIBLE DUE TO POOR IMAGE QUALITY AND POOR WATER AND VESSEL

25X1D CONTRAST. [REDACTED] -- 5 POSSIBLE SUBMARINES AND 2 SURFACE VESSELS AT FITTING OUT QUAY. @

25X1D [REDACTED]

25X1A [REDACTED] LENINGRAD SHIPYARD BALTIYSK ORDZH 189 UR 5955N 03016E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED] FAIR QUALITY PHOTOGRAPHY COVERS THE ENTIRE AREA, HOWEVER, WATER AND VESSEL CONTRAST IS POOR. NO SUBMARINES OR MAJOR NAVAL VESSELS OBSERVED.

25X1D VESSELS -- [REDACTED] -- 1 UNIDENTIFIED VESSEL ON

25X1D BUILDING WAY. [REDACTED] -- 1 LARGE TANKER AT QUAY AND 1 TANKER AND 2 SURFACE VESSELS ON BUILDING WAYS.

25X1D [REDACTED]

25X1A [REDACTED] BELOMORSK CANAL LOCKS UR 6425N 03430E

CANAL IS FROZEN OVER.

25X1D NO APPARENT CHANGE OR NEW CONSTRUCTION AT THE LOCKS SINCE [REDACTED] (SEE NPIC/R-5057/64.)

NO VESSELS OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] BALAKOVO PROBABLE LOCK UR 5202N 04747E

NO CANAL LOCKS OBSERVED. (SEE NPIC/R-5057/64.)
CONSIDERABLE UNIDENTIFIED CONSTRUCTION ACTIVITY

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OBSERVED AT 52-02N 047-47E.

NO NAVAL VESSELS OR TRANSPORTERS VISIBLE.

25X1D [REDACTED]

25X1A [REDACTED]

GORODETS LOCKS VOLGA RIVER UR 5640N 04324E

25X1D

CANAL IS FROZEN OVER. NO APPARENT CHANGE OR
CONSTRUCTION AT THE LOCKS SINCE [REDACTED]
(SEE NPIC/R-5057/64.)

NUMEROUS CANAL BOATS HAVE BEEN STORED FOR THE WINTER
IN A NEARBY BASIN. NO NAVAL VESSELS OR TRANSPORTERS
OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED]

SEGEZHA CANAL LOCKS UR 6352N 03419E

25X1D

CANAL IS FROZEN OVER. NO APPARENT CHANGE OR
CONSTRUCTION AT THE LOCKS SINCE [REDACTED]
(SEE NPIC/R-5057/64.)

NO VESSELS OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED]

POVENETS AREA CANAL LOCKS UR 6254N 03453E

25X1D

CANAL IS FROZEN OVER. NO APPARENT CHANGE OR
CONSTRUCTION AT LOCKS SINCE [REDACTED]
(SEE NPIC/R-5057/64.)

NO VESSELS OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED]

PODPOROZHYE/SVIRSTROY NAVIGATION LOCKS UR 6055N 03411E

NO APPARENT CHANGE OR CONSTRUCTION AT THE LOCKS SINCE

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25X1D

[REDACTED] (SEE NPIC/R-5057/64.)

NO SUBMARINES, MAJOR NAVAL VESSELS, OR TRANSPORTERS
IN TRANSIT OBSERVED. WATERWAY IS FROZEN.

25X1D

**Biological/
Chemical
Warfare**

25X2

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**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

25X1A

ARKHANGELSK AREA HF COMMUNICATIONS FAC UR 6418N 04038E

RHOMBIC COMMUNICATIONS FACILITY CONTAINS 10 DAY AND NIGHT RHOMBIC ANTENNAS, A CONTROL BUILDING, AND A SUPPORT AREA WITH APPROXIMATELY 13 BUILDINGS.

FISHBONE COMMUNICATIONS FACILITY, 10 NM NW, CONTAINS 6 FISHBONE AND 4 VEE ANTENNAS, A CONTROL BUILDING, AND A SUPPORT AREA WITH APPROXIMATELY 15 BUILDINGS.

WESTERN 65 PERCENT OF THE 50-NM SAMODED SEARCH AREA COVERED ON CLEAR PHOTOGRAPHY. NO ADDITIONAL COMMUNICATIONS FACILITIES IDENTIFIED.

25X1D

BONUS

SESTRORETSK HF/DF FACILITY UR 6005N 02956E

4 NM NW OF LENINGRAD/GORSKAYA AIRFIELD.

NEWLY IDENTIFIED HF/DF FACILITY CONTAINS 1 PROBABLE THICK-EIGHT ANTENNA, 1 PROBABLE FIX-EIGHT ANTENNA AND AN UNIDENTIFIED CIRCULAR FENCED AREA. ALL ANTENNA SITES ARE SEPARATELY SECURED.

(ATTACHMENT 2)

25X1D

Complexes

)

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COMPLEXES

25X1A [REDACTED] NORILSK COMPLEX UR 6920N 08812E

NO SIGNIFICANT CONSTRUCTION ACTIVITY OBSERVED.
NUMEROUS STACKS IN THE AREA ARE SMOKING. A LARGE
AND A SMALL LAKE IN THE COMPLEX ARE PROBABLY USED
FOR COOLING AND HAVE THAWED.

• 25X1D [REDACTED]

Attachments

25X2

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TOP SECRET CHESS RUFF

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ATTACHMENT 2



HF/DF-FACILITIES, SESTRORETSK, USSR

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TOP SECRET

TOP SECRET

TOP SECRET

TOP SECRET